

ABSTRACT OF THE DISCLOSURE**HIGH TEMPERATURE BULK POLYMERIZATION OF
BRANCHED CRYSTALLINE POLYPROPYLENE**

Branched crystalline polypropylene compositions and methods for the preparation of branched crystalline polypropylene compositions are provided. For example, described herein is a process of preparing branched crystalline polypropylene composition that comprises contacting a supported metallocene catalyst compound with a polymerization medium that comprises propylene monomers; and conducting polymerization of the propylene monomers at a temperature greater than 70°C for a time sufficient to provide branched crystalline polypropylene that has from 0.0 wt% to 2.0 wt% ethylene and a heat of fusion of 70 J/g or more.